



# TRANSMITTAL FORM

(To be used for all correspondence  
after initial filing)

Application Number	10/637,407
Filing Date	August 7, 2003
First Named Inventor	Masaki Aoshima
Art Unit	2655
Examiner Name	
Attorney Docket No.	890050.436

## ENCLOSURES (check all that apply)

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Fee Transmittal Form  | <input type="checkbox"/> Drawing(s)  | <input type="checkbox"/> After Allowance<br>Communication to TC   |
| <input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Request for Corrected Filing<br>Receipt                               | <input type="checkbox"/> Appeal Communication to<br>Board of Appeals and<br>Interferences               |
| <input type="checkbox"/> Amendment/Response  | <input type="checkbox"/> Licensing-related Papers  | <input type="checkbox"/> Appeal Communication to<br>TC ( <i>Appeal Notice, Brief,<br/>Reply Brief</i> ) |
| <input type="checkbox"/> After Final   | <input type="checkbox"/> Petition  | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)                                     | <input type="checkbox"/> Petition to Convert to a<br>Provisional Application                   | <input type="checkbox"/> Status Letter  |
| <input type="checkbox"/> Extension of Time Request                                     | <input type="checkbox"/> Power of Attorney,<br>Revocation, Change of<br>Correspondence Address | <input checked="" type="checkbox"/> Return Receipt Postcard   |
| <input type="checkbox"/> Express Abandonment<br>Request                                | <input type="checkbox"/> Declaration   | <input type="checkbox"/> Other Enclosure(s) ( <i>please<br/>identify below</i> ):                       |
| <input checked="" type="checkbox"/> Information Disclosure<br>Statement; Form PTO-1449 | <input type="checkbox"/> Statement under 37 CFR<br>3.73(b)                                     |   |
| <input checked="" type="checkbox"/> Cited References                                   | <input type="checkbox"/> Terminal Disclaimer   |   |
| <input type="checkbox"/> Certified Copy of Priority<br>Document(s)                     | <input type="checkbox"/> Request for Refund  |   |
| <input type="checkbox"/> Response to Missing Parts<br>under 37 C.F.R. 1.52 or 1.53     | <input type="checkbox"/> CD, Number<br>of CD(s) _____  |   |
| <input type="checkbox"/> Response to Missing<br>Parts/Incomplete Application           | <input type="checkbox"/> Landscape Table on CD   |   |

Remarks

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

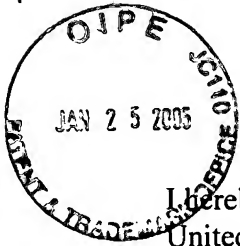
Firm Name	Seed Intellectual Property Law Group PLLC	Customer Number	00500
Signature			
Printed Name	Hai Han, Ph.D.		
Date	January 21, 2005	Reg. No.	54,150

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature		
Typed or printed name	Jason Añover	Date: January 21, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. 553201



PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

January 21, 2005  
Date

Jason Añover

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Masaki Aoshima et al.  
Application No. : 10/637,407  
Filed : August 7, 2003  
For : OPTICAL RECORDING MEDIUM AND METHOD FOR  
OPTICALLY RECORDING DATA IN THE SAME

Art Unit : 2655  
Docket No. : 890050.436  
Date : January 21, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents:


In accordance with 37 CFR 1.56 and 1.97 through 1.98, applicants wish to make known to the U.S. Patent and Trademark Office the references set forth on the attached Form PTO-1449. Copies of the cited U.S. patents and published patent applications are not required and accordingly have not been provided. Copies of all other cited references are enclosed. As to any reference cited, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserves the right to traverse or antedate any such reference, as by a showing under 37 CFR 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

Applicant wishes to disclose and have officially considered the following co-pending related applications by the same assignee: Application No. 10/406,109, filed April 2, 2003, entitled "OPTICAL RECORDING MEDIUM AND METHOD FOR OPTICALLY RECORDING INFORMATION IN THE SAME", Application No. 10/423,686, filed April 25, 2003, entitled "OPTICAL RECORDING MEDIUM AND METHOD FOR OPTICALLY RECORDING DATA IN THE SAME,", Application No. 10/425,571, filed April 29, 2003, entitled "OPTICAL RECORDING MEDIUM AND METHOD FOR OPTICALLY RECORDING DATA IN THE SAME", Application No. 10/444,172, filed May 23, 2003, entitled "OPTICAL RECORDING MEDIUM AND METHOD FOR RECORDING DATA IN THE SAME", Application No. 10/608,814 filed June 27, 2003, entitled "OPTICAL RECORDING MEDIUM AND METHOD FOR OPTICALLY RECORDING DATA IN THE SAME", Application No. 10/613,525, filed July 3, 2003, entitled "OPTICAL RECORDING MEDIUM AND METHOD FOR RECORDING AND REPRODUCING DATA", Application No. 10/612,615, filed July 1, 2003, entitled "OPTICAL RECORDING MEDIUM", Application No. 10/764,805, filed January 26, 2004, entitled "OPTICAL RECORDING MEDIUM", and Application No. 10/818,324, filed April 5, 2004, entitled "OPTICAL RECORDING DISK".

Please acknowledge receipt of this Second Supplemental Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

Applicants believe this Second Supplemental Information Disclosure Statement has been timely filed, however, the Director is authorized to charge any fee due by way of this Information Disclosure Statement to our Deposit Account No. 19-1090.

Respectfully submitted,  
Seed Intellectual Property Law Group PLLC

  
\_\_\_\_\_  
Hai Han, Ph.D.  
Registration No. 54,150

Enclosures:

Postcard  
Form PTO-1449  
Cited References (33)

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Phone: (206) 622-4900  
Fax: (206) 682-6031

553208

FORM PTO-1449 (Rev. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 890050.436		APPLICATION NO. 10/637,407	
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				APPLICANTS Masaki Aoshima et al.			
				FILING DATE August 7, 2003		GROUP ART UNIT 2655	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	3,959,799	05/25/76	Gambino et al.	346	135	
	AB	4,587,533	05/06/86	Nakane et al.	346	135.1	
	AC	4,647,947	03/03/87	Takeoka	346	135.1	
	AD	4,670,345	06/02/87	Morimoto	428	411.1	
	AE	4,771,413	09/13/88	Nago	369	109	
	AF	5,208,088	05/04/93	Tominaga et al.	428	64	
	AG	5,401,330	03/28/95	Saito et al.	136	259	
	AH	5,458,941	10/17/95	Hintz	428	64.4	
	AI	5,656,370	08/12/97	Murakami et al.	428	332	
	AJ	5,912,104	06/15/99	Hirotsune et al.	430	270.13	
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	AK	57-022095	02/04/82	JP (Abstract in English only)			
	AL	57-027788	02/15/82	JP (+ Abstract in English)			
	AM	59-225992	12/19/84	JP (+ Abstract in English)			
	AN	60-160036	08/21/85	JP (+ Abstract in English)			
	AO	0 068 801 B1	09/10/86	EP			
	AP	62-204442	09/09/87	JP (+ Abstract in English)			
	AQ	62-245545	10/26/87	JP (+ Abstract in English)			
<b>OTHER PRIOR ART</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	AR	Inoue, H., et al., "Inorganic Write-Once Disc for High Speed Recording," Jpn. J. Appl. Phys. Vol. 42, part 1, no. 2B, pp. 1056-1061, February 2003.					
	AS	Yoshii, K., et al., "Investigation of Hole Formation on Cr/Al, Si/Al, and C/Al Bilayer Films by Laser Beam Irradiation," <i>Journal of Applied Physics</i> 55(1):223-229, January 1, 1984.					
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).							

FORM PTO-1449 (REV.7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 890050.436		APPLICATION NO. 10/637,407	
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<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	6,033,752	03/07/00	Suzuki et al.	428	64.1	
	BB	6,096,399	08/01/00	Yoshinari et al.	428	64.1	
	BC	6,143,469	11/07/00	Ohta et al.	430	270.13	
	BD	6,254,966	07/03/01	Kondo	428	156	
	BE	6,551,679	04/22/03	Kuroda et al.	428	64.1	
	BF	6,608,799	08/19/03	Hozumi	369	13.26	
	BG	2001/0012257	08/09/01	Suzuki et al.	369	94	
	BH	2001/0021160	09/13/01	Shuy et al.	369	100	
	BI	2003/0190551	10/09/03	Aoshima et al.	430	270.12	
	BJ	2003/0202452	10/30/03	Mishima et al.	369	112.23	
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	BK	01-158633	06/21/89	JP (+ Abstract in English)			
	BL	2-152029	06/12/90	JP (+ Abstract in English)			
	BM	0 474 311 A1	03/11/92	EP			
	BN	4-86283	03/18/92	JP (+ Abstract in English)			
	BO	4-226785	08/17/92	JP (+ Abstract in English)			
	BP	6-171236	06/21/94	JP (+ Abstract in English)			
	BQ	0 350 078 B1	03/09/94	EP			
	BR	0 822 543 A1	02/04/98	EP			
<b>OTHER PRIOR ART</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	BS						
EXAMINER				DATE CONSIDERED			
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<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA	2004/0052194	03/18/04	Inoue et al.	369	112.23	
	CB	2004/0157158	08/12/04	Kakiuchi et al.	430	270.12	
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
	CC	0 978 831 A2	02/09/00	EP			
	CD	2000-187884	07/04/00	JP (+ Abstract in English)			
	CE	1 028 421 A2	08/16/00	EP			
	CF	2001-243655	09/07/01	JP (+ Abstract in English)			
	CG	1 154 413 A2	11/14/01	EP			
	CH	WO 01/93256 A1	12/06/01	WIPO			
	CI	1330368 A	01/09/02	CN			
	CJ	1 172 811 A2	01/16/02	EP			
	CK	1 178 472 A2	02/06/02	EP			
	CL	2002-104317	04/10/02	JP (+ Abstract in English)			
	CM	2002-120458	04/23/02	JP (+ Abstract in English)			
	CN	2002-269808	09/20/02	JP (+ Abstract in English)			
	CO	2003-54135	02/26/03	JP (+ Abstract in English)			
	CP	2003-85778	03/20/03	JP (+ Abstract in English)			
	CQ	1 351 230 A2	10/08/03	EP			
	CR	1 139 340 B1	06/16/04	EP			
<b>OTHER PRIOR ART</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
	CS						
EXAMINER				DATE CONSIDERED			
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